

**Listing of Claims**

The following listing of claims will replace all prior versions, and listings, of claims in the subject application:

Claims 1-64 (canceled)

--65. (Original) An optical fiber comprising a core region having a first effective index of refraction and a cladding region having a second effective index of refraction less than said first effective index of refraction, wherein a majority of a collective cross-section of said core and cladding regions is occupied by voids.--

--66. (Original) The optical fiber of claim 65, wherein said optical fiber has an attenuation of less than 0.2 db/km and a dispersion magnitude of less than 10 ps/(nm-km) between 1450 nm and 1600 nm.--

--67. (Original) The optical fiber of claim 65, said optical fiber having an attenuation of less than 0.35 db/km and a dispersion magnitude of less than 10 ps/(nm-km) between 1100 nm and 1300 nm.--

--68. (Original) The optical fiber of claim 66, said optical fiber having an attenuation of less than 0.35 db/km and a dispersion magnitude of less than 10 ps/(nm-km) between 1100 nm and 1300 nm.--

--69. (Original) The optical fiber of claim 68, wherein said voids comprise a gas or vacuum.--

--70. (Original) The optical fiber of claim 65, wherein at least 90% of the collective cross-section of said core and cladding regions is occupied by voids.--

--71. (Original) The optical fiber of claim 70, wherein said optical fiber has an attenuation of less than 0.04 db/km and a dispersion magnitude of less than 2 ps/(nm-km) between 1450 nm and 1600 nm.--

--72. (Original) The optical fiber of claim 70, said optical fiber having an attenuation of less than 0.07 db/km and a dispersion magnitude of less than 2 ps/(nm-km) between 1100 nm and 1300 nm.--

--73. (Original) The optical fiber of claim 71, said optical fiber having an attenuation of less than 0.07 db/km and a dispersion magnitude of less than 2 ps/(nm-km) between 1100 nm and 1300 nm.--

--74. (Original) The optical fiber of claim 73, wherein said voids comprise a gas or vacuum.--

--75. (Original) An optical fiber comprising a core region having a first effective index of refraction and a cladding region having a second effective index of refraction less than said first effective index of refraction, wherein at least 90% of a collective cross-section of said core and cladding regions is occupied by voids, whereby said optical fiber has an attenuation of less than 0.04 db/km and a dispersion magnitude of less than 2 ps/(nm-km) between 1450 nm and 1600 nm, and whereby said optical fiber has an attenuation of less than 0.07 db/km and a dispersion magnitude of less than 2 ps/(nm-km) between 1100 nm and 1300 nm.--

--76. (Original) The optical fiber of claim 75, wherein said voids comprise a gas or vacuum.--

Claims 77-80 (Canceled)